Dear Dr Knight,

Since I last wrote t you, I have made no mergus attempts to orientate both the specimens you sent me. I am afraid I am now convinced that the trouble is due to their having got too dry in transit. They behave, in fact, yer, like normal TMV which has been dried and re-wetted.

believe makes subsequent orientation of the material ensier. But it sends that, can drying there is a more irregular and irreversible aggregation of the particles, which is shown by the modification of the physical properties on re-vetting. The substance stays in get for it much greater dilution, and its birefringence is much lower. The dilute solution see a to show her birefringence of flow.

In confination of this explanation of my failure to orientate your specimens, I find that I can get slightly improved orientation by adding more water and stirring long and vigorously before letting the solution into the capillary tube. But the orientation is still not comparable with that obtained from normal TMV solutions of material which has not been dried, and therefore still does not give satisfactory X-ray diagrams.

Soth the CV4 and the TTV-I would, I am a re, be very valuable meterials for comparison with normal TTV, and if you and Dr Fraenkel-Conrat ever have any more to to spare I should the extremely gesteful if you would let me make a other attempt. It could be best if you would send them in the form of a rather cocentrated so ution (a.g. in sealed gives tubes). If the solution you send is too divite for direct use. I should have no difficulty in concentrating it to the required consistency.

Triv seems to be capable of preservation indefinitely in the form of concentrated so ution. Is this also true of CV4?

Best wishes,

Yours sincerely.